

CSF2600505 Sistem Operasi CSGE602055 Operating Systems osXX: The Lecturer

Rahmat M. Samik-Ibrahim

University of Indonesia

<http://rms46.vlsm.org/2/207.html>

Always check for the latest revision!

REV123 5-Mar-2018

Operating Systems 2018-1 (Room 3114 Tue/Thu)

Class: A (10:00-12:00) | B (13:00-15:00) | C (16:00-18:00)

| Week | Schedule | Topic | OSC9 |
|----------|----------------------|--|----------------|
| Week 00 | 06 Feb - 12 Feb 2018 | Intro & Review1 | Ch. 1, 16 |
| Week 01 | 13 Feb - 19 Feb 2018 | Review2 & Scripting | Ch. 1, 2 |
| Week 02 | 20 Feb - 26 Feb 2018 | Protection, Security, Privacy, & C-language | Ch. 14, 15 |
| Week 03 | 27 Feb - 05 Mar 2018 | I/O, BIOS, Loader, & Systemd | Ch. 13 |
| Week 04 | 06 Mar - 12 Mar 2018 | Addressing, Shared Lib, & Pointer | Ch. 8 |
| Week 05 | 13 Mar - 19 Mar 2018 | Virtual Memory | Ch. 9 |
| Reserved | 20 Mar - 24 Mar 2018 | | |
| Mid-Term | 03 Apr 2018 | 13:00 - 15:30 (UTS) | |
| Week 06 | 05 Apr - 11 Apr 2018 | Concurrency: Processes & Threads | Ch. 3, 4 |
| Week 07 | 12 Apr - 18 Apr 2018 | Synchronization | Ch. 5, 7 |
| Week 08 | 19 Apr - 25 Apr 2018 | Scheduling | Ch. 6 |
| Week 09 | 26 Apr - 07 May 2018 | File System & Persistent Storage | Ch. 10, 11, 12 |
| Reserved | 08 May - 14 May 2018 | | |
| Week 10 | 15 May - 21 May 2018 | I/O Programming & Network Sockets Programming | |
| Reserved | 22 May - 22 May 2018 | | |
| Final | 23 May - 26 May 2018 | (UAS) | |
| Deadline | 07 Jun 2018 16:00 | Extra assignment deadline | |

• The Check List (Operating Systems)

- ☐ **Starting Point:** <http://rms46.vlsm.org/2/207.html>
- ☐ **Text Book:** any recent/decent OS book but map it to **OSC9**.
- ☐ Create **public** project "os181" on your github.com account.
 - ☐ Create file "README.md" and add an extra line every week. For e.g.¹:
ZCZC Sistem Operasi 2018 Awal (1)
ZCZC W01 Have tried demo for week 01.
ZCZC W02 Week 02 is done.
ZCZC W03 Week 03 is done.
- ☐ Encode your **QRC** with image size of approximately 250x250 pixels:
"OS181 CLASS ID GITHUB-ACCOUNT SSO-ACCOUNT SIAK-Full-Name"
Special for Week 00: Mail your **embedded** QRC to: os181@vlsm.org
with Subject: [W00] CLASS ID SIAK-NAME.
- ☐ Write your Memo (with QRC) **every week**.
- ☐ Using your **SSO** account, login to badak.cs.ui.ac.id via kawung.cs.ui.ac.id.
 - ☐ Check folder badak:///extra/Week00/
 - ☐ Every week, copy the weekly demo files to your own home directory.
Eg. for Week00:
cp -r /extra/Week00/W00-demos/ W00-demos/

¹Week 00 line is optional. The following "ZCZC WXX" weekly tags are mandatory.

Agenda

- 1 Start
- 2 Agenda
- 3 About and how to contact the Lecturer
- 4 The End (Ignore It)

About and how to contact the Lecturer

- Rahmat M. Samik-Ibrahim
- Bekerja di Universitas Indonesia: sejak 1984¹.
- Pengguna GNU/Linux: sejak 1994.
- VauLSMorg (vlsm.org): sejak 1996.
- Blog: rahmatm.samik-ibrahim.vlsm.org/
 - Blog: 2016/08/panggil-saya-rahmat.html
 - Blog: 2013/10/kumpulan-hal.html
 - Blog: 2011/08/ibu-ke-pasar-membeli-ayam.html
- Facebook: facebook.com/RMS46F/
 - Page Only: No need to be "**ADDED**"
 - You can "**Like**" it, "**Follow**" it, or "**Share**" it.

Kontak/Tanya/Jawab WhatsApp Group **OS181**
(info +62-881-456-XXXX)
Email (Subject:[HELP]) os181@vlsm.org

¹MDCCXXXIV — Universitas Goettingen didirikan: 1734

TOP 10 REALITA

- 1 Nama saya **Rahmat**. Rahmat nama saya. Kalau bukan Rahmat, bukan nama saya!
- 2 Jangan datang lebih lambat dari pada Pengajar! Terdapat dua kesempatan untuk menyusul masuk kelas: T+15 menit dan setelah istirahat.
- 3 Jangan berisik/asyik sendiri dalam kelas dan jangan main "*games*" dan "*chat*" dengan "*gadget*" anda!
- 4 Jangan lupa mempersiapkan diri untuk berpartisipasi dalam kelas!
- 5 Jangan lupa membawa selembarnya (+QRC) untuk membuat memo kuliah!
- 6 Memo kuliah (+QRC) tersebut yang boleh dibawa saat UTS dan UAS.
- 7 Jangan curang!
- 8 Jangan meminjam peralatan selama kuis dan ujian!
- 9 Jangan menghubungi Pengajar untuk masalah Administratif!
- 10 Jangan menjadi "*Puss in Boot*"!

Jangan menjadi Puss In Boot



Figure: Ini Puss in Boot¹.

¹This is a fair use of a DreamWorks/Paramount Picture character.

The End (Ignore It)

GAUDEAMUS IGITUR

Gaudeamus igitur. Iuvenes dum sumus. Post iucundam iuventutem. Post molestam senectutem. Nos habebit humus. Ubi sunt qui ante nos. In mundo fuere? Vadite ad superos. Transite in inferos. Hos si vis videre.

```
#include <stdio.h>
```

```
void main() {  
    printf("Vita nostra brevis est. Brevi finietur.\n");  
    printf("Venit mors velociter. Rapit nos atrociter.\n");  
    printf("Nemini parcetur.\n\n");  
}
```

- ☐ Vivat academia! Vivant professores!
- ☒ Vivat membrum quodlibet; Vivant membra quaelibet;
 - 「 Semper sint in flore 」.